



Subt. Form PTO-1449				Docket Number 112903.128US2	Application Number 10/628,681
INFORMATION DISCLOSURE IN AN APPLICATION  (Use several sheets if necessary)				Applicant Riley et al.	
				Filing Date July 28, 2003	Group Art Unit 1745
Sheet	1	OF	1		

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KO	US 2003/0099884 A1	May 29, 2003	Chiang, et al.	429	233	
KO	US 2003/0008212 A1	Jan. 9, 2003	Akashi, et al.	429	231.9	

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		

EXAMINER /Karie O'Neill/ (01/10/2007)	DATE CONSIDERED
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PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/628681-Conf. #4491	
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			First Named Inventor	Gilbert N. RILEY	
			Art Unit	1745	
			Examiner Name	Not Yet Assigned	
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KO	AA*	US-3,765,943	10-16-1973	Biagetti	
	AB*	US-3,864,167	02-04-1975	Broadhead et al.	
	AC*	US-4,245,016	01-13-1981	Rampel	
	AD*	US-4,555,454	11-26-1985	Shuster	
	AE*	US-4,599,114	07-08-1986	Atkinson	
	AF*	US-4,615,784	10-07-1986	Stewart et al.	
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	AH*	US-4,758,483	07-19-1988	Armand et al.	
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	AK*	US-5,187,209	02-16-1993	Hirai et al.	
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	AS*	US-5,478,676	11-25-1996	Turi et al.	
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	AX*	US-5,567,754	10-22-1996	Stramel	
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	AK1*	US-5,759,714	06-02-1998	Matsufuji et al.	
	AL1*	US-5,789,100	08-04-1998	Burroughs et al.	
	AM1*	US-5,821,033	10-13-1998	Cromack et al.	
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K0	AT1*	US-5,925,283	07-20-1999	Taniuchi et al.	
	AU1*	US-6,063,519	05-16-2000	Barker et al.	
	AV1*	US-6,069,221	05-30-2000	Chasser et al.	
	AW1	US-6,096,453	08-01-2000	Grunwald	
	AX1*	US-6,096,454	08-01-2000	Tran et al.	
	AY1	US-RE 36,843	08-29-2000	Lake et al.	
	AZ1*	US-6,117,593	09-12-2000	Stachowiak et al.	
	AA2*	US-6,120,940	09-19-2000	Poehler et al.	
	AB2*	US-6,136,476	10-24-2000	Schutts et al.	
	AC2*	US-6,159,389	12-12-2000	Miura et al.	
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	AE2*	US-6,231,779	05-15-2001	Chiang et al.	
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	AK2*	US-6,337,156	01-08-2002	Narang et al.	
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	AN2*	US-6,403,263	06-11-2002	Roach	
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	AP2*	US-6,413,284	07-02-2002	Chu et al.	
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	AV2*	US-6,764,525	07-20-2004	Whitacre et al.	
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	AC3*	US-2001/0007726	07-12-2001	Yoshioka et al.	
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	AF3*	US-2002/0048706	04-25-2002	Mayes et al.	
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	AI3*	US-2002/0074972	06-20-2002	Narang et al.	
	AJ3*	US-2002/0192137	12-19-2002	Chaloner-Gill et al.	
	AK3*	US-2002/0195591	12-26-2002	Ravet et al.	
	AL3*	US-2003/0003352	01-02-2003	Kweon et al.	
	AM3*	US-2003/0008212	01-09-2003	Akashi et al.	
K0	AN3*	US-2003/0049529	03-13-2003	Cho et al.	

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KO	AO3*	US-2003/0054250	03-20-2003	Kweon et al.	
	AP3*	US-2003/0082446	05-01-2003	Chiang et al.	
	AQ3*	US-2003/0099884	05-29-2003	Chiang et al.	
	AR3*	US-2004/0005265	01-08-2004	Chiang et al.	
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	AU3*	US-2004/0151887	08-05-2004	Forrest et al.	
	AV3*	US-2004/0185343	09-23-2004	Wang et al.	
	AW3*	US-2004/0265692	12-30-2004	Long et al.	
	AX3*	US-2005/0026037	02-03-2005	Riley et al.	
KO	AY3*	US-2005/0034993	02-17-2005	Gozdz et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
KO  						

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
KO	CA	Aleshin et al. (1998) "Transport properties of poly (3,4-ethylenedioxythiophene/poly(styrenesulfonate)", Synthetic Metals, 94 pp 173-177		
	CB	Armand et al. (1979) "Fast Ion Transport in Solids," Proceedings of the International conference on Fast ion Transport in Solids, Electrodes and Electrolytes, Lake Geneva, Wisconsin, p. 31.		
	CC	Bouridah et al. (1985) "Poly(Dimethylsiloxane)-Poly(Ethylene Oxide) Based Polyurethane Networks Used as Electrolytes in Lithium Electrochemical Solid State Batteries," Solid State Ionics, 15 pp. 233-240.		
	CD	Broadhead et al. (1995) "Electrochemical Principles and Reactions", Handbook of Batteries, Ch. 2.		
	CE	Chiang et al. (1999) "High Capacity, Temperature-Stable Lithium Aluminum Manganese Oxide Cathodes for Rechargeable Batteries, Electrochem. Sol. St. Lett. 2(3), pp. 107-110.		
	CF	French et al. (1995) "Full Spectral Calculation of Non-Retarded Hamaker Constants for Ceramic Systems from Interband Transition Strengths," Solid State Ionics, 75, pp. 13-33.		
	CG	French (2000) "Origins and Applications of London Dispersion Forces and Hamaker Constants in Ceramics" Journal of the American Ceramic Society, 83[9], 2117-46.		
	CH	Ghosh et al. (1998) "Supramolecular Self-Assembly for Enhanced Conductivity in Conjugated Polymer Blends: Ionic Crosslinking in Blending of Poly(3,4-ethylenedioxythiophene)-Poly(styrenesulfonate) and Poly(vinylpyrrolidone)" Adv. Mater, 10:1097.		
	CI	Gray (1991) "Solid Polymer Electrolytes: Fundamentals and Technological Applications," VCH, New York.		
	CJ	Hart et al. (2003) "3-D Microbatteries," Electrochemistry Communications, No. 5, pp. 120-123.		
	CK	Idota et al. (1997) "Tin-Based Amorphous Oxide: A high Capacity Lithium-Ion-Storage Material" Science, 276,p. 1395.		
	CL	Kuwabata et al. (1999) "Charge-discharge properties of composites of LiMn2O4 and polypyrrole as positive electrode materials for 4 V class of rechargeable Li Batteries " Electrochimica Acta, 44:4593-4600.		
	CM	LeCras et al. (1996) "Lithium intercalation in Li-Mg-Mn-O and Li-Al-Mn-O spinels," Solid State Ionics, 89 pp. 203-213.		
	CN	Limthongkul et al. (2001) "Nanocomposite Li-Ion Battery Anodes Produced by the Partial Reduction of Mixed Oxides, " Chem. Mater, 13, pp 2397-2402.		
	CO	Linden (1995) "Handbook of Batteries" Second Edition, McGraw-Hill, Inc., p. 2,19.		
	CP	Matsumoto et al. (1992) "Vaporization of Graphite in Plasma Arc and Identification of C60 in Deposit," J. Electrochem. Soc., Vol. 139 No. 1.		
	CQ	Milling et al. (1996) "Direct Measurement of Repulsive van der Waals interactions using an Atomic Force Microscope" Journal of Colloid and Interface Science, 180, pp. 460-5.		
	CR	Minnet et al. (1988), "Polymeric Insertion Electrodes," Solid State Ionics, 28-30 1192-1196.		
	CS	Nagaoka et al., "High Ionic Conductivity in Poly(dimethyl Siloxane-co-Ethylene Oxide) Dissolving Lithium Perchlorate," Dept of Chemistry, Sophia University, pp 659-663.		
	CT	Neumann et al. (1979) "Negative Hamaker Coefficients" Colloid and Polymer Sci., 257, pp. 413-419.		
	CU	Ohzuku et al. (1995) Synthesis and Characterization of LiAl1/4Ni3/4O2 for Lithium-Ion (Shuttle Cock) Batteries, J. Electrochem. Soc., vol. 143, p. 4033.		
KO	CV	Van Oss et al. (1977) "Comparison Between Antigen-Antibody Binding Energies" Immunol.		

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		Comm., 6(4), pp. 341-354.	
KO	CW	Van Oss et al. (1979) "Repulsive Van Der Waals Forces" Immunol. Comm., (8)1, pp. 11-29.	
	CX	Van Oss et al. (1979) "Repulsive van der Waals Forces" Separation Sci. Tech. 14(4), pp. 305-317.	
	CY	Van Oss et al. (1980) "Applications of Net Repulsive Van der Waals forces between different particles, macromolecules or biological cells in liquids" Colloids and Surfaces, 1, pp. 45-56.	
	CZ	Wang et al. (2002) "All Solid State Li/LixMnO2 Polymer Battery Using Ceramic Modified Polymer Electrolytes", Journal of Electrochem. Soc. 149 (8), A967.	
KO	CA1	Zallen, (1983) "The Physics of Amorphous Materials," J. Wiley & Sons, N.Y.	

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